JAY ITHIEL

SOFTWARE ENGINEER

PORTFOLIO

- www.jayithiel.com
- www.github.com/jay-ithiel

SKILLS

JavaScript	Ruby on Rails
ES6	Postgres
React.js	Redux
jQuery	SQL
CSS	Git
HTML5	Python
Webpack	Photoshop

CONTACT

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EMPLOYMENT HISTORY

BLOCKSTACK   New York, NY
JUN - SEP 2017

- Pioneered development of the first decentralized Blockstack applications
- Established a secure login process without a username & password combination utilizing Blockchain
- Created a server-less storage system allowing users to own & control their information via Blockstack Gaia
- Improved performance & load time by utilizing cloud storage & CDNs

BEDKIN   (remote) *Charleston, SC*
JUN - AUG 2017

- Collaborated with core team to develop a decentralized version of mobile app
- Created a dynamic layout applying various responsive-design techniques
- Accelerated production of product utilizing SCRUM methodologies, delivering solutions before deadlines

SOFTWARE ENGINEER   San Francisco, CA
2015 - 2017

- Contract Software Engineer for various start-ups & NGO's
- Delivered quality full-stack applications utilizing numerous technologies including JavaScript, ReactJS, HTML5, CSS3, Ruby on Rails & SQL
- Headed technical design & implementation decisions such as app functionality & UI/UX design for simultaneous projects

PROJECTS

COUCHBNB   LIVE   GITHUB
ReactJS, Redux, JavaScript, HTML, CSS, Ruby on Rails, Postgres

- Single page, Full-stack web application emulating Airbnb's functionality
- Optimized search by creating a Geo-Location based Search Engine
- Enhanced Search Engine by integrating Google Maps, allowing users to search/filter results utilizing the map's location & bounds
- Designed & implemented custom REST-ful API

SPACE INVADERS   LIVE   GITHUB
Vanilla JavaScript, HTML5 Canvas, CSS

- Web based, browser-version of the classic Arcade game: Space Invaders
- Built custom physics engine to handle object movement & collisions
- Implemented power-up items feature & customized animations
- Leveraged Object-Oriented Design principles to maintain DRY code

EDUCATION

SOFTWARE & COMP-SCI   San Francisco, CA
APP ACADEMY - SEP 2016

- 1000-hour software engineering school with <3% acceptance rate
- 90th percentile based on weekly technical assessments & peer reviews

- HARVARD CS50:INTRO TO COMPUTER SCIENCE
- PRINCETON CS124:DATA-STRUCTURES & ALGORITHMS

MUSIC   New York, NY
NYACK COLLEGE - 2012

- Music Performance & Composition